

TO: Indiana State Board of Education
FROM: Cynthia Roach, Senior Director of Accountability & Assessment, Indiana State Board of Education
 Office of School Accountability, Indiana Department of Education
RE: Recommendation Regarding the 2016-17 Growth to Proficiency Table
DATE: July 26, 2017

Target ranges are a key component for establishing points within the growth to proficiency table because these ranges create the thresholds for which points are to be assigned. The target ranges summarize the observed growth associated with low, standard or high movement relative to Indiana’s achievement levels. Categorical status improvement between subcategories and observations of incremental mean growth across category statuses are used to establish target ranges that represent actual category movement or trajectories for movement.

The observed growth score is a criterion baseline-referenced growth calculation that requires multiple years of data to establish a baseline for each student, and uses only that student’s own data rather than comparing that student to other peers. This approach allows for a comparison of growth over time for each student, and provides each student the opportunity to achieve the highest levels of observed growth.

Dr. Betebenner reviewed the prior year status cuts and the target ranges to consider the 2017 assessment and results. Please note that multiple years of data on the same scale will be required to create the baseline growth metrics as Indiana transitions to a new assessment based on new standards. Specifically, Dr. Betebenner advised that Indiana have three to four years of growth data to create a stable growth table. Therefore, target ranges will need to be reassessed on an annual basis until at least the 2021-2022 accountability cycle when multiple years of data are available on the new ILEARN assessment to stabilize the observed growth calculation.

Below is the growth to proficiency table with recommended target ranges for 2017. These target ranges were not amended from the previous iteration of the growth to proficiency table.

Prior Year Status	LOW MOVEMENT		STANDARD MOVEMENT		HIGH MOVEMENT	
	Target Range	Points Awarded	Target Range	Points Awarded	Target Range	Points Awarded
PP2	0-45	50	46-64	100	65-99	150
PP1	0-45	50	46-64	100	65-99	150
P3	0-45	50	46-64	100	65-99	150
P2	0-44	50	45-62	100	63-99	150
P1	0-43	50	44-59	100	60-99	150
DNP3	0-35	0	36-54	75	55-99	175
DNP2	0-30	0	31-54	75	55-99	175
DNP1	0-25	0	26-54	75	55-99	175

Dr. Betebenner recommended that prior year status cuts remain at the same points as they were for 2016. With the addition of grade 10 growth comes the inclusion of prior year status cuts for grade 8, which are reflected in the tables below for each subject area. Below are the recommended prior year status cuts by grade and subject area:

MATH

SUBCATEGORY	GRADE 3	GRADE 4	GRADE 5	GRADE 6	GRADE 7	GRADE 8
PP2	507 – 690	532 – 720	558 – 750	582 – 760	601 – 790	618 – 800
PP1	480 – 506	508 – 531	535 – 557	560 – 581	578 – 600	595 – 617
P3	460 – 479	490 – 507	517 – 534	542 – 559	562 – 577	580 – 594
P2	443 – 459	474 – 489	498 – 516	526 – 541	546 – 561	567 – 579
P1	425 – 442	458 – 473	480 – 497	510 – 525	533 – 545	554 – 566
DNP3	402 – 424	440 – 457	461 – 479	491 – 509	514 – 532	535 – 553
DNP2	372 – 401	417 – 439	437 – 460	463 – 490	490 – 513	508 – 534
DNP1	185 – 371	210 – 416	240 – 436	270 – 462	305 – 489	325 – 507

ENGLISH/LANGUAGE ARTS

SUBCATEGORY	GRADE 3	GRADE 4	GRADE 5	GRADE 6	GRADE 7	GRADE 8
PP2	523 – 800	552 – 850	570 - 890	596 - 900	617 – 910	647 – 800
PP1	500 – 522	529 – 551	546 - 569	572 – 595	592 – 616	617 – 646
P3	475 – 499	504 – 528	525 – 545	547 – 571	565 – 591	587 – 616
P2	452 – 474	481 – 503	505 – 524	525 – 546	540 – 564	561 – 586
P1	428 – 451	456 – 480	486 – 504	502 – 524	516 – 539	537 – 560
DNP3	414 – 427	439 – 455	467 – 485	481 – 501	494 – 515	513 – 536
DNP2	393 – 413	415 – 438	440 – 466	447 – 480	462 – 493	478 – 512
DNP1	200 – 392	210 – 414	220 – 439	230 – 446	240 – 461	325 – 477